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Product Datasheet

GSK-1702934A, CAS [[924377-85-5]] FBM-10-1445

Article Name	GSK-1702934A, CAS [[924377-85-5]]
Biozol Catalog Number	FBM-10-1445
Supplier Catalog Number	10-1445
Alternative Catalog Number	FBM-10-1445-5MG,FBM-10-1445-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	TRPC3/6 activator...
Molecular Weight	396.53
Purity	98% by TLC (5% CH ₃ OH in CH ₂ Cl ₂ R _f =0.34)
Form	White solid
CAS Number	[924377-85-5]
Formula	C ₂₂ H ₂₆ N ₃ O ₂ S
Application Notes	TRPC3 activator. In whole-cell patch-clamp experiments in HEK293 cells transduced with recombinant human TRPC3 or TRPC6, GSK-1702934A activated the TRPC3 and TRPC6 current with EC ₅₀ of 0.08 μM and 0.44 μM respectively. In the rat cardiomyocyte-like cell line H9C2 GSK-1702934A (1μM) activated TRPC6-like current and was completely blocked by GSK-417651A. It transiently increased the perfusion pressure of isolated rat heart retrogradely perfused via aortic cannulation at 1μM. ¹ Induces pro-arrhythmic and inotropic effects in TRPC3-overexpressing monocytes. ²